



IAP15 Rec'd PCT/PTO 03 NOV 2006

PCT
Box 900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/552,660
Applicant : Yan HONG
Filed : October 11, 2005
TC/A.U. :
Examiner :

Docket No. : 2577-158
Customer No. : 06449
Confirmation No.: 1905


Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE AND STATEMENT
UNDER 37 C.F.R. § 1.821(f)

In response to the Notification of Defective Response dated October 18, 2006
(response copy attached), enclosed are the following:

- (1) Fee Transmittal form authorizing the fee of \$50 be charged to our Deposit Account;
- (2) Sequence Listing in paper form and on diskette (identical to the sequence listing filed on September 25, 2006). It is hereby certified that the content of the Sequence Listing information recorded in the computer readable form is identical to the Sequence Listing written on paper, and contains no new matter.

Respectfully submitted,

By 
Jeffrey L. Ihnen
Attorney for Applicant
Registration No. 28,957
ROTHWELL, FIGG, ERNST, & MANBECK
Suite 800, 1425 K Street, N.W.
Washington, D.C. 20005
Telephone: (202) 783-6040

FEE TRANSMITTAL for FY 2005 (Large Entity)		Complete if Known	
		Application Number	10/552,660
		Filing Date	October 11, 2005
		First Named Inventor	Yan HONG
		Examiner Name	
		Group Art Unit	
<input type="checkbox"/> Applicant claims small entity status		Attorney Docket Number	2577-158
Total Amount of Payment	(\$50)	Confirmation Number	1905



METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge the fees indicated below or credit overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
- ☒ Charge any additional fee required under 37 CFR 1.16 and 1.17 to Deposit Account No. 02-2135.
2. ☐ Payment by check enclosed

FEE CALCULATION

1. FILING, SEARCH AND EXAMINATION FEES

Code	Fee	Fee Description	Fee Paid
1001	300	Utility Filing Fee	[]
	790	filed before Dec. 8, 2004	[]
1111	500	Utility Search Fee	[]
1311	200	Utility Examination Fee	[]
1002	200	Design Filing Fee	[]
	350	filed before Dec. 8, 2004	[]
1112	100	Design Search Fee	[]
1312	130	Design Examination Fee	[]
1003	200	Plant Filing Fee	[]
	550	filed before Dec. 8, 2004	[]
1113	300	Plant Search Fee	[]
1313	160	Plant Examination Fee	[]
1004	300	Reissue Filing Fee	[]
	790	filed before Dec. 8, 2004	[]
1114	500	Reissue Search Filing Fee	[]
1314	600	Reissue Examination Fee	[]
1005	200	Provisional Filing Fee	[]

SUBTOTAL \$

2. CLAIMS

	Extra Claims	Fee	Fee Paid
Total Claims [22] - 21* = [1] x		\$50 =	[50]
Independent Claims [2] - 3* = [0] x		200 =	[]
Multiple Dependent Claims +		360 =	[]

*or number previously paid, if greater

SUBTOTAL \$50

3. APPLICATION SIZE FEE

Total Sheets [] - 100 = []/50 = []** x \$250 =

** Number of each additional 50 or fraction thereof

SUBTOTAL \$

FEE CALCULATION (continued)

4. ADDITIONAL FEES

Fee Code	Fee Paid	Fee Description	Fee Paid
1051	130	Surcharge - late filing fee or oath	[]
1052	50	Surcharge - late provisional filing fee or cover sheet	[]
1053	130	Non-English specification	[]
1812	2,520	For filing a request for reexamination	[]
1804	920	Requesting publication of SIR prior to Examiner action	[]
1805	1,840	Requesting publication of SIR after Examiner action (reduced by basic filing fee paid)	[]
1251	120	Extension for reply within first month	[]
1252	450	Extension for reply within second month	[]
1253	1,020	Extension for reply within third month	[]
1254	1,590	Extension for reply within fourth month	[]
1255	2,160	Extension for reply within fifth month	[]
1401	500	Notice of Appeal	[]
1402	500	Filing a brief in support of an appeal	[]
1403	1,000	Request for Oral Hearing	[]
1451	1,510	Petition to institute a public use proceeding	[]
1452	500	Petition to revive -unavoidable	[]
1453	1,500	Petition to revive - unintentional	[]
1807	50	Processing fee under 37 CFR 1.17(q)	[]
1806	180	Submission of Information Disclosure Statement	[]
1809	790	Filing a submission after final rejection (37 CFR 1.129(a))	[]
1810	790	For each additional invention to be examined (37 CFR 1.129(b))	[]
1801	790	Request for Continued Examination (RCE)	[]
1802	900	Request for expedited examination of a design application	[]
1504	300	Publication fee for early, voluntary, or normal publication	[]
1505	300	Publication fee for republication	[]
1455	200	Filing application for patent term adjustment	[]
1456	400	Request for reinstatement of term reduced	[]
1814	130	Statutory Disclaimer	[]
Other fee (specify)			[]

SUBTOTAL \$

SUBMITTED BY		Complete (if applicable)	
NAME AND REG. NUMBER	Jeffrey L. Ihnen, Reg. No. 28,957		
SIGNATURE		DATE	3 November 2006
		DEPOSIT ACCOUNT USER ID	



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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/552,660	Yan Hong	2577-158

INTERNATIONAL APPLICATION NO.

PCT/SG04/00093

I.A. FILING DATE

04/14/2004

PRIORITY DATE

04/14/2003

CONFIRMATION NO. 1905

371 FORMALITIES LETTER



OC000000020869155

6449

ROTHWELL, FIGG, ERNST & MANBECK
 1425 K STREET, N.W.
 SUITE 800
 WASHINGTON, DC 20005

RECEIVED/FACILITIES
 ROTHWELL FIGG ERNST & MANBECK
 FILE NO.: 2577-0158
 FAC PROC INTL

OCT 2 9 2006

DKT ENTRY:

SEND TO:

OK TO FILE:

ETP/ULI/CG

Date Mailed: 10/18/2006

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 10/11/2005
- Copy of the International Search Report filed on 10/11/2005
- Copy of Annexes to the IPER filed on 10/11/2005
- Preliminary Amendments filed on 10/11/2005
- Information Disclosure Statements filed on 05/11/2006
- Biochemical Sequence Diskette filed on 10/11/2005
- Oath or Declaration filed on 10/11/2005
- Biochemical Sequence Listing filed on 10/11/2005
- Request for Immediate Examination filed on 10/11/2005
- Copy of references cited in ISR filed on 10/11/2005
- U.S. Basic National Fees filed on 10/11/2005
- Substitute Specification filed on 10/11/2005

Applicant's response filed 09/25/2006 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 06/08/2006 have not been completed.

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$50 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$50 for a Large Entity:

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

- Total additional claim fee(s) for this application is \$ 50

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/552,660	PCT/SG04/00093	2577-158

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